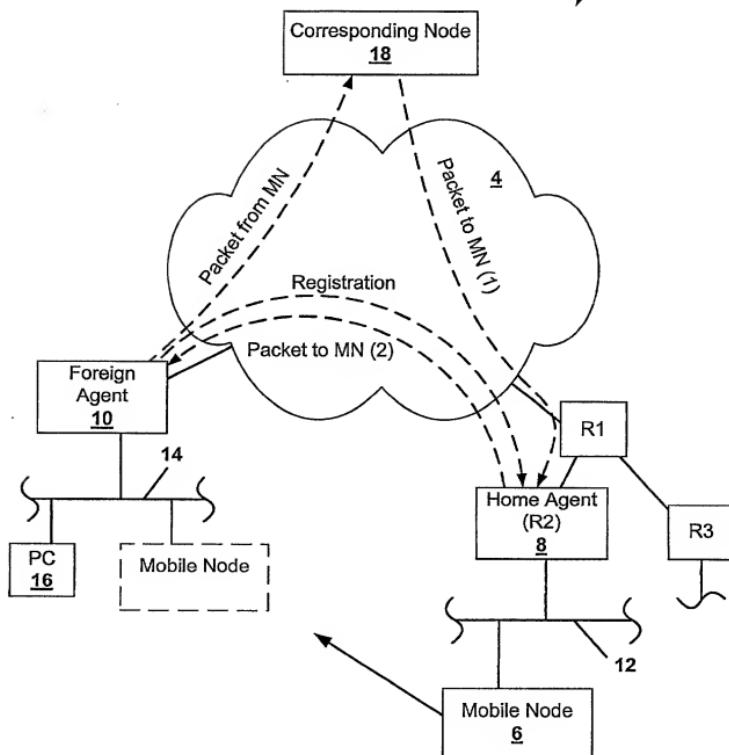


Figure 1

2



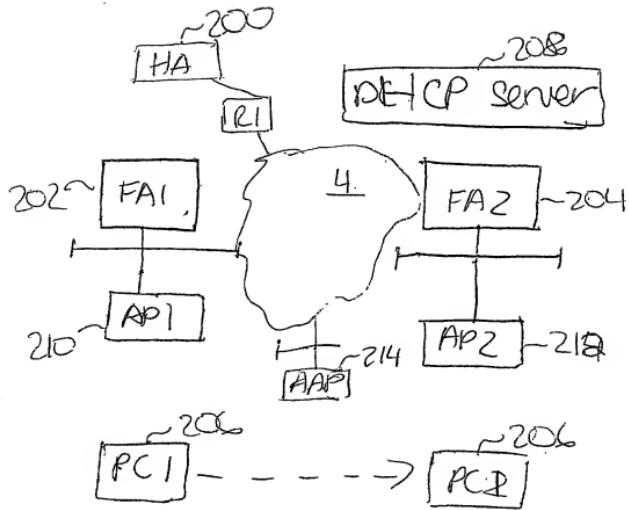


FIG. 2

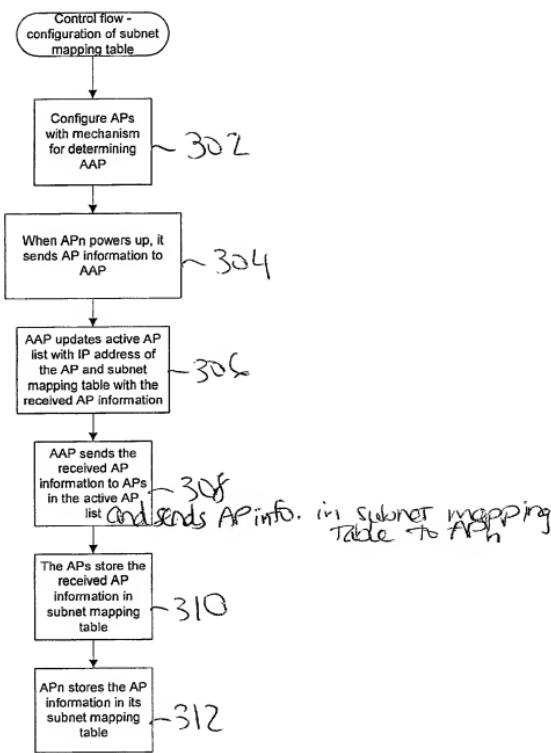


FIG. 3

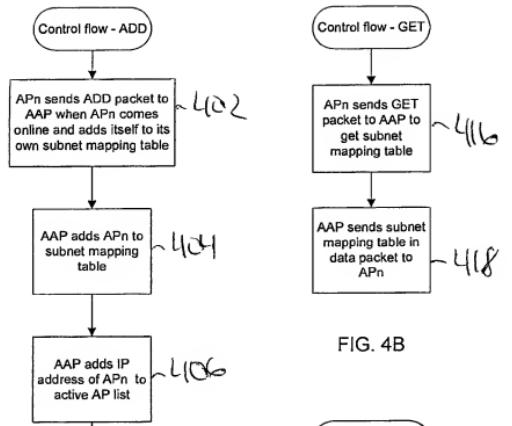


FIG. 4B

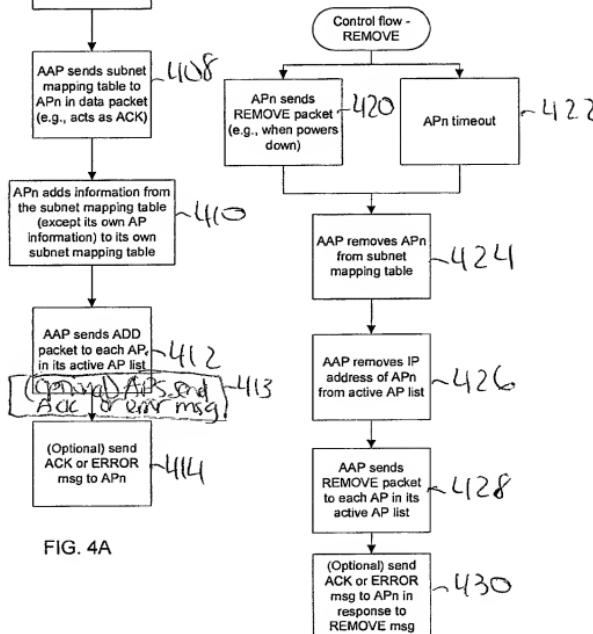


FIG. 4A

FIG. 4C

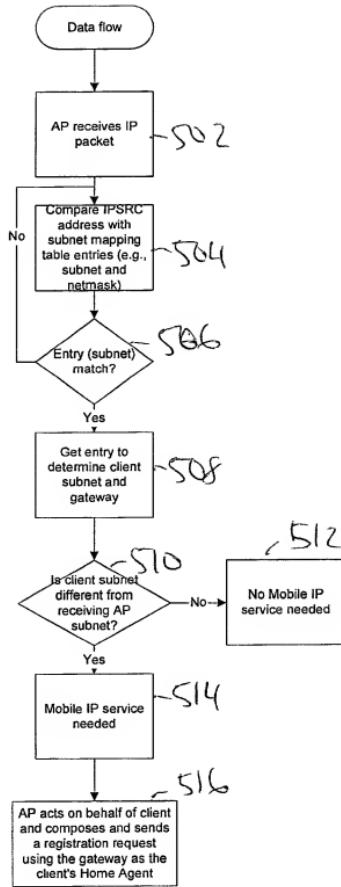


FIG. 5

Subnet mapping table

Subnet	netmask	gateway	AP IP address
604	600	608	610

FIG. 6

Active AP list

AP1 IP address
AP2 IP address
.
.
APN IP address

FIG. 7

changed AP. This AAP will send to all the APs the new entry using the ADD packet.

## 2.5.5 Packet Format

Unicast UDP will be the mechanism of choice for this. TLVs will be used within these packets for data. Right now there will only be one Type but this method allows for different uses of this packet format in the future.

T (16 bit)	L (16 bit)	AP Addr (32 bit)	Net Mask (32 bit)	GW Addr (32 bit)
812	814	816	818	820

The Type is

1 - Subnet Map Information

FIG. 10

The ADD packet

Opcode = 1	Reserved	Total Length
		806
Transaction ID	808	
TLVs	810	

FIG. 8

The REMOVE packet

Opcode = 2	Reserved	Total Length
		906
Transaction ID	908	
TLVs	810	

FIG. 9

The GET requests packet.

Opcode = 3	Reserved	Total Length
		1006
Transaction ID	1008	

FIG. 10

A printed version of this document is an uncontrolled copy.

## DATA packets

1100  
1C

Opcode = 4 1102	Reserved 1104	Total Length 1106
Transaction ID 1108		
TLVs 80		

FIG. 11

## ACK packets

1200  
1C1200

Opcode = 5 1202	Reserved 1204	Total Length 1206
Transaction ID 1208		

FIG. 12

## ERROR packets

1300  
1C1300

Opcode = 6 1302	Error Code 1304	Total Length 1306
Transaction ID 1308		
Error String 1310		

FIG. 13

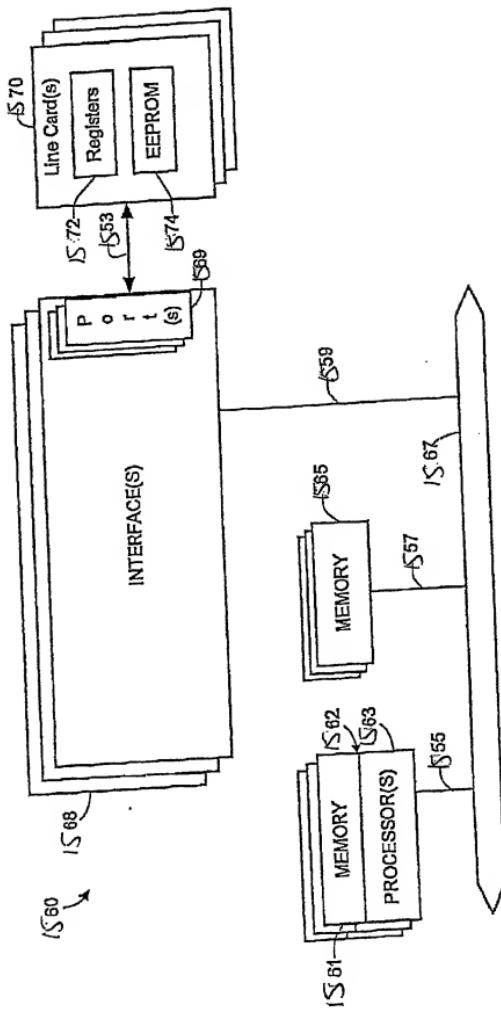


Figure 14